

**Quapaw Tribe of Oklahoma Environmental Office  
EPA Region 6 Remedial Response Cooperative Agreement**

**Quarterly Progress Report for  
1<sup>st</sup> Quarter FY 2018: October – December 2017  
Grant Number V-01F06001-0**

**1. PROGRESS ACHIEVED SINCE LAST REPORT**

**1.1 Project Administration**

The Quapaw Tribe Environmental Office (QTEO) submitted its proposal for this Remedial Response Cooperative Agreement grant (Distal 13) to the EPA Region 6 office on June 30, 2015. The QTEO received comments from EPA Region 6 on July 21, 2015 regarding the QTEO's draft work plan and budget. The QTEO revised the work plan and budget according to EPA Region 6's comments. A final budget and work plan were submitted to EPA Region 6 on July 29, 2015. The QTEO received approximately \$5,140,843 on August 24, 2015, which is approximately half of the estimated cost budgeted for Distal 13. On April 12, 2016, the QTEO received an additional \$3,700,000, totaling \$8,840,843 for the project. An amended work plan and budget was submitted to EPA in October 2016 for review and approval to include additional source material quantified by EPA's contractor and described in the technical memorandum "*Tar Creek Source Material Operable Unit 4 Remedial Action Plan for Chat Removal, Disposition, and Surface Restoration at Chat Pile CP008 and Chat Bases CB026, CB030, and CB031 (CP008 Distal Group)*". The QTEO received an additional \$2,969,037 on December 13, 2016, totaling \$11,809,880 for the project. The QTEO also received an additional \$286,569 on March 7, 2017, totaling \$12,096,449 for the project. The additional unmarketable source material from the CP008 Distal Group comes from expanded areas of contamination along and adjacent to a drainage area along the western edge of the CP008 Distal Group. The QTEO received an additional \$3,007,320 to complete CB027 in October 2017.

**1.2 Project Goals**

The overall goals of the Environmental Department, as they relate to Superfund, are as follows:

- Ensure that the interests of the Quapaw Tribe and the protection of human health and the environment within Quapaw jurisdiction are addressed in all matters regarding the Tar Creek Superfund Site.
- Perform activities in support of the Remedial Action (RA) for OU4 as stipulated in the Record of Decision (ROD) signed by the EPA on February 20, 2008.
- Report all information gathered regarding the Site to the Environmental Director and, ultimately, the Tribal Business Committee.
- Provide technical review of Superfund documents (investigations, studies, reports, etc.)

regarding the Site.

- Participate in meetings, conference calls, and decision planning related to ongoing Remedial Design/ Remedial Action projects, particularly as they pertain to Tribal Lands.
- Represent the Quapaw Environmental Program in working with the EPA, US Corps of Engineers, the Oklahoma Department of Environmental Quality (ODEQ), the US Geological Survey, and other appropriate federal and /or state agencies on superfund issues.
- Stay current on information and developments regarding CERCLA issues.
- Attend meetings, conferences, and training as required to achieve the above-listed goals.
- Provide field oversight when Superfund remediation activity occurs on Tribal trust land and when requested by stakeholder agencies.
- Insure that the Tribe is involved in all projects related to tribal lands at the Tar Creek Site.

This particular OU4 Remedial Action (RA) to occur at the Distal 13 property meets these goals, especially the goal of providing field oversight when Superfund remediation activity occurs on tribal lands. More specifically, by directly managing the RA, the Tribe will be able to insure the cleanup is done in a manner that is consistent with the ROD for OU4.

A photo log of the Distal 13 property during remedial action activities is provided in **Attachment A**.

### **1.3 Training/Conferences**

There were no trainings or conferences specifically related to the Distal 13 remedial action this reporting period.

### **1.4 Significant Meetings during the Reporting Period**

The QTEO participated in multiple monthly Tar Creek Meetings with various Tar Creek stakeholders and presented information concerning the Distal 13 remedial action activities.

### **1.5 Progress Achieved During This Reporting Period**

The QTEO spent significant time conducting project management in connection to the Distal 13 cleanup, as well as site visits and quality assurance management.

Mr. Kent has provided technical information and recommendations regarding the Distal 13 remedial action to Quapaw tribal members and to the Quapaw Tribe Business Committee.

As of the date of this report, approximately 703,082 tons of source material and/or transition

zone soil has been hauled off the site to either a chat processor or repository. Approximately 873,377 tons of source material will be hauled from the site over the entirety of the project. Following source material removal, transition zone soil sampling will take place to evaluate metal concentrations and determine whether soils will require a remedy.

All time charged to the Remedial Response Cooperative Agreement grant is documented on the enclosed “Time and Effort” sheets (**Attachment B**).

## 1.6 Percentage of Completion to Date

Below please find the revised Remedial Response Agreement tasks and their current status updates listed in the table below.

| Task # | Task Description   | Proposed Start Date | Proposed End Date | Time Required (days) | Task Status <sup>1</sup> |
|--------|--|---------------------|-------------------|----------------------|--------------------------|
| 1      | Grant Award  | 08/24/2015          | -                 | -                    | Awarded                  |
| 2a     | Develop Engineering Support RFP  | If necessary        | -                 | -                    |                          |
| 3a     | Solicit Bids for Eng. Support Contractor   | If necessary        | -                 | -                    |                          |
| 4a     | Solicit Bids for Analytical Lab Contractor   | As necessary        | -                 | -                    |                          |
| 4b     | Select Analytical Lab Contractor   | As necessary        | -                 | -                    |                          |
| 5      | Develop Site-Specific Plans (Health & Safety Plan, Community Relations Plan, QAPP, etc.) | 09/01/2015          | 10/14/2015        | 31                   | Completed                |
| 5b     | Select Engineering Support Contractor  | If necessary        | -                 | -                    |                          |
| 7      | Pre-Construction Meeting   | 10/15/2015          | -                 | -                    | Completed                |
| 8      | Mobilization and Site Preparation  | 10/01/2015          | 10/21/2015        | 20                   | Completed                |
| 9      | Source Material Removal  | 10/22/2015          | 03/31/2018        |                      | In Progress              |
| 10     | Site Restoration Remedial Action   | 03/22/2016          | 03/22/2018        | 730                  | In Progress              |
| 11     | Post-Construction Meeting/Final Walkthrough  | 04/01/2018          | -                 | -                    | Pending                  |
| 12     | Decontamination/Demobilization   | 03/22/2016          | 07/01/2017        | 10                   | Pending                  |
| 13     | Remedy Monitoring <sup>1</sup>   | 03/22/2016          | 03/22/2019        | 1095                 | Pending                  |
| 14     | Develop and Finalize Remedial Action Report  | 03/22/2018          | 08/01/2018        | 130                  | Pending                  |
| 15     | Finalize Grant Close-out   | 08/01/2019          | 09/30/2019        | 60                   | Pending                  |

### Notes

1 – Remedy Monitoring will require an extended period of time when soil amendments are implemented during RA at the site. At that time, an updated schedule will be developed.

## 1.7 Revisions to the Work Schedule during the Reporting Period

The revisions of the work schedule during the reporting period included proposed start and end dates for “remediation purposes” tasks in association with the Distal 13 site. Removal of source material will need to be extended into FY18. Drainage issues with the adjacent property (ODEQ’s proposed Elm Creek Unrestricted project) have caused some delays at the Distal 13 site. Once these issues are resolved, the remaining source material will be removed. Work on the additional source material located at CB027 began in December, with source material removal anticipated into the 2<sup>nd</sup> quarter of FY18.

## **2. MISCELLANEOUS**

### **2.1 Difficulties Encountered During This Reporting Period**

As stated in the previous section, there have been drainage issues from the adjacent property, which has caused a delay in finalizing the project. Additional source material was also discovered at CB027, and work will begin in the 2<sup>nd</sup> quarter of FY18.

### **2.2 Project Need for Funding Next Reporting Quarter**

Funding in place for this grant project is sufficient for anticipated work through the end of the next two reporting quarters.

## **3. FINANCIAL**

### **1st Quarter FY 2018 (October – December 2017)**

|                 |                     |
|-----------------|---------------------|
| Personnel       | \$ 8,013.66         |
| Fringe Benefits | \$ 2,368.66         |
| Travel/Training | \$ -                |
| Supplies        | \$ 401.17           |
| Contractual     | \$ 20,666.32        |
| Construction    | \$ -                |
| Indirect Costs  | \$ -                |
| Other           | \$ 382.72           |
| <b>TOTAL:</b>   | <b>\$ 31,832.53</b> |

Report Source:

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**Attachment A**

**QUAPAW TRIBE ENVIRONMENTAL OFFICE  
Photo Log**

[See Attached]



CP009 – looking northeast post-soil amendments and revegetation



CP009 – looking west post soil-amendments and revegetation



CP009 – looking south post soil-amendments and revegetation



CP009 – looking west post soil-amendments and revegetation





CB027 – draining storm water from a subsidence



CB027 – source material stockpiled and ready for removal



CP008 – area ready to seed in the spring

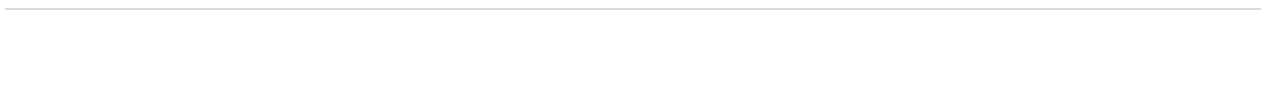


CP008 – mineshaft to be filled

**Attachment B**

**QUAPAW TRIBE ENVIRONMENTAL OFFICE  
Time and Effort Sheets**

[See Attached]





| Time and Effort Report |                                   |       |      |                       |             |       |             |       |             |
|------------------------|-----------------------------------|-------|------|-----------------------|-------------|-------|-------------|-------|-------------|
| V-01F06001             |                                   |       |      |                       |             |       |             |       |             |
| Employee Tim Kent      |                                   |       |      | Month: Oct - Dec 2017 |             |       |             |       |             |
| Date                   | Task                              | D13   |      | Leave Hours           | Total Hours |       | Salary Cost |       | Fringe Cost |
| 10/5/2017              | SITE INSPECTION                   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 10/9/2017              | DOCUMENT REVIEW                   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 10/10/2017             | DOCUMENT REVIEW                   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 10/13/2017             | DOCUMENT REVIEW                   | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 10/17/2017             | DOCUMENT REVIEW                   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 10/19/2017             | DOCUMENT REVIEW                   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 10/31/2017             | BUDGET REVIEW                     | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 11/2/2017              | SITE INSPECTION                   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 11/7/2017              | BUDGET REVIEW                     | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 11/9/2017              | SITE INSPECTION & DOCUMENT REVIEW | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 11/10/2017             | HOLIDAY                           | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 11/14/2017             | BUDGET REVIEW                     | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 11/16/2017             | DOCUMENT REVIEW                   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 11/21/2017             | BUDGET REVIEW                     | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 11/23/2017             | HOLIDAY                           | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 11/24/2017             | HOLIDAY                           | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 11/28/2017             | BUDGET REVIEW                     | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 11/29/2017             | DOCUMENT REVIEW                   | 1.00  | 0.13 | 0.13                  | 1.13        | 44.73 | 50.54       | 0.345 | 17.44       |
| 11/30/2017             | SITE INSPECTION                   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 12/4/2017              | PTO                               | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 12/5/2017              | BUDGET REVIEW                     | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 12/6/2017              | SITE INSPECTION                   | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 12/12/2017             | SITE INSPECTION                   | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 12/13/2017             | TAR CREEK MEETING                 | 1.00  | 0.13 | 0.13                  | 1.13        | 44.73 | 50.54       | 0.345 | 17.44       |
| 12/14/2017             | SITE INSPECTION & BUDGET REVIEW   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
| 12/18/2017             | SITE INSPECTION                   | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 12/19/2017             | BUDGET REVIEW                     | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 12/20/2017             | DOCUMENT REVIEW                   | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 12/26/2017             | HOLIDAY                           | 2.00  | 0.13 | 0.26                  | 2.26        | 44.73 | 101.09      | 0.345 | 34.88       |
| 12/27/2017             | SITE INSPECTION                   | 1.00  | 0.13 | 0.13                  | 1.13        | 44.73 | 50.54       | 0.345 | 17.44       |
| 12/28/2017             | SITE INSPECTION & BUDGET REVIEW   | 4.00  | 0.13 | 0.52                  | 4.52        | 44.73 | 202.18      | 0.345 | 69.75       |
|                        |                                   |       |      |                       |             |       |             |       |             |
|                        | Totals                            | 83.00 |      |                       |             |       | 4,195.23    |       | 1,447.35    |

## Time and Effort Report

V-01F06001

Employee Craig Kreman

Month: Oct - Dec 2017

| Date       | Task                       | D13   | Hours | Leave Hours | Total Hours |       | Salary Cost |       | Fringe Cost |
|------------|----------------------------|-------|-------|-------------|-------------|-------|-------------|-------|-------------|
| 10/2/2017  | QA MANAGEMENT & SITE VISIT | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 10/3/2017  | QA MANAGEMENT & SITE VISIT | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 10/5/2017  | QA MANAGEMENT & SITE VISIT | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 10/6/2017  | QA MANAGEMENT & SITE VISIT | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 10/9/2017  | QA MANAGEMENT & SITE VISIT | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 10/17/2017 | DOCUMENT REVIEW            | 2.00  | 2.00  | 2.00        | 4.00        | 31.25 | 125.00      | 0.345 | 43.13       |
| 10/24/2017 | DOCUMENT REVIEW            | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 10/25/2017 | DOCUMENT REVIEW            | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 10/27/2017 | QUARTERLY REPORTS          | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 11/10/2017 | HOLIDAY                    | 5.00  | 5.00  | 5.00        | 10.00       | 31.25 | 312.50      | 0.345 | 107.81      |
| 11/20/2017 | QA MANAGEMENT & SITE VISIT | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 11/21/2017 | QA MANAGEMENT & SITE VISIT | 2.00  | 2.00  | 2.00        | 4.00        | 31.25 | 125.00      | 0.345 | 43.13       |
| 11/22/2017 | PTO                        | 2.00  | 2.00  | 2.00        | 4.00        | 31.25 | 125.00      | 0.345 | 43.13       |
| 12/5/2017  | DOCUMENT REVIEW            | 3.00  | 3.00  | 3.00        | 6.00        | 31.25 | 187.50      | 0.345 | 64.69       |
| 12/6/2017  | DOCUMENT REVIEW            | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 12/8/2017  | DOCUMENT REVIEW            | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 12/11/2017 | QA MANAGEMENT & SITE VISIT | 8.00  | 8.00  | 8.00        | 16.00       | 31.25 | 500.00      | 0.345 | 172.50      |
| 12/13/2017 | QA MANAGEMENT & SITE VISIT | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 12/17/2017 | QA MANAGEMENT & SITE VISIT | 2.00  | 2.00  | 2.00        | 4.00        | 31.25 | 125.00      | 0.345 | 43.13       |
| 12/15/2017 | QA MANAGEMENT & SITE VISIT | 3.00  | 3.00  | 3.00        | 6.00        | 31.25 | 187.50      | 0.345 | 64.69       |
| 12/22/2017 | PTO                        | 1.00  | 1.00  | 1.00        | 2.00        | 31.25 | 62.50       | 0.345 | 21.56       |
| 12/27/2017 | QA MANAGEMENT & SITE VISIT | 3.00  | 3.00  | 3.00        | 6.00        | 31.25 | 187.50      | 0.345 | 64.69       |
| 12/29/2017 | QA MANAGEMENT & SITE VISIT | 2.00  | 2.00  | 2.00        | 4.00        | 31.25 | 125.00      | 0.345 | 43.13       |
|            |                            |       |       |             |             |       |             |       |             |
|            |                            | 45.00 | 45.00 |             |             |       | 2,812.50    |       | 970.31      |

[illegible]

|  |            |
|--|------------|
|  | V-01F06001 |
|--|------------|

|                       |  |  |  |                       |  |  |
|-----------------------|--|--|--|-----------------------|--|--|
| Employee Tammy Arnold |  |  |  | Month: Oct - Dec 2017 |  |  |
|-----------------------|--|--|--|-----------------------|--|--|

|                       |  |  |  |                       |  |  |
|-----------------------|--|--|--|-----------------------|--|--|
| Employee Tammy Arnold |  |  |  | Month: Oct - Dec 2017 |  |  |
|-----------------------|--|--|--|-----------------------|--|--|

|           |                                     |      |      |      |      |      |       |       |     |       |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 10/2/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|           |                                     |      |      |      |      |      |       |       |     |      |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|
| 10/3/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|

|           |                                     |      |      |      |      |      |       |       |     |       |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 10/4/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 10/16/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |      |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|
| 10/17/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 10/18/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 10/30/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |      |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|
| 10/31/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|

|           |                                     |      |      |      |      |      |       |       |     |       |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 11/1/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 11/13/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |      |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|
| 11/14/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 11/15/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 11/27/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |      |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|
| 11/28/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 11/29/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|           |                                     |      |      |      |      |      |       |       |     |      |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|
| 12/4/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|-----------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 12/11/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |      |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|
| 12/12/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 12/13/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

|            |                                     |      |      |      |      |      |       |       |     |      |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|
| 12/18/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|------|

|            |         |  |      |      |      |      |      |       |       |     |       |
|------------|---------|--|------|------|------|------|------|-------|-------|-----|-------|
| 12/25/2017 | HOLIDAY |  | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|---------|--|------|------|------|------|------|-------|-------|-----|-------|

|            |         |      |      |      |      |      |       |       |     |      |
|------------|---------|------|------|------|------|------|-------|-------|-----|------|
| 12/26/2017 | HOLIDAY | 1.00 | 1.00 | 0.11 | 0.11 | 1.11 | 21.63 | 24.01 | 0.3 | 7.20 |
|------------|---------|------|------|------|------|------|-------|-------|-----|------|

|            |                                     |      |      |      |      |      |       |       |     |       |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|
| 12/27/2017 | GRANT MANAGEMENT & FINANCIAL REVIEW | 2.00 | 2.00 | 0.11 | 0.22 | 2.22 | 21.63 | 48.02 | 0.3 | 14.41 |
|------------|-------------------------------------|------|------|------|------|------|-------|-------|-----|-------|

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|  |        |       |       |  |  |  |        |        |
|--|--------|-------|-------|--|--|--|--------|--------|
|  | TOTALS | 37.00 | 37.00 |  |  |  | 888.34 | 266.50 |
|--|--------|-------|-------|--|--|--|--------|--------|

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